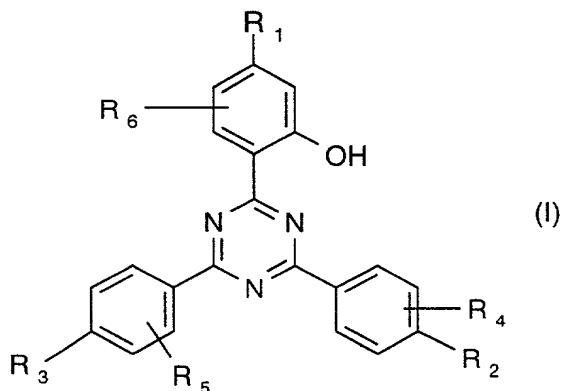


WHAT IS CLAIMED IS:

1. Transparent polyolefin, polyester or polyamide article having a thickness between 1 and 500 μm , which is stabilized against the effects of light, oxygen, heat and/or aggressive chemicals by addition of 0.005 - 0.30 % by weight, based on the polyolefin, polyester or polyamide, of a hydroxyphenyl triazine UV absorber.
2. Transparent polyolefin article of claim 1 having a thickness between 1 and 500 μm , which is stabilized against the effects of light, oxygen, heat and aggressive chemicals by addition of 0.005 - 0.30 % by weight, based on the polyolefin, of a hydroxyphenyl triazine UV absorber.
3. Transparent polyolefin, polyester or polyamide article of claim 1 containing as further stabilizer a sterically hindered amine in an amount of 0.01 - 6 % by weight the polyolefin, polyester or polyamide.
4. Transparent polyolefin, polyester or polyamide article of claim 3 wherein the weight ratio sterically hindered amine : hydroxyphenyl triazine UV absorber ranges from 2 : 1 to 20 : 1.
5. Transparent polyolefin, polyester or polyamide article of claim 3 wherein the sterically hindered amine belongs to the class of hydroxylamine ethers.
6. Transparent polyolefin, polyester or polyamide article of claim 1 wherein the hydroxyphenyl triazine UV absorber conforms to the formula I



wherein

R_1 is H or OR_7 ;

R_2 and R_3 independently are H, $\text{C}_1\text{-C}_8\text{alkyl}$, , OR_9 ;

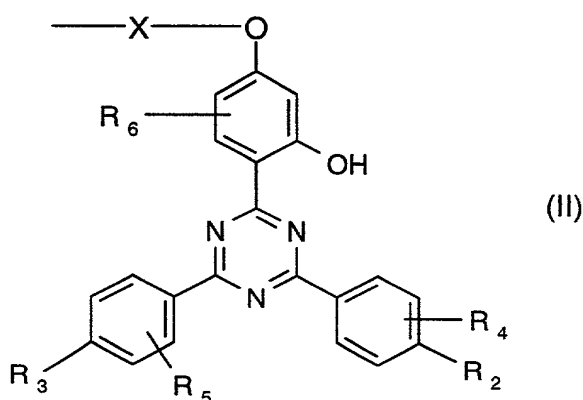
R_4 and R_5 independently are H, $\text{C}_1\text{-C}_8\text{alkyl}$, OR_{10} ;

R₆ is H, C₁-C₁₈alkyl, C₅-C₁₂cycloalkyl, C₇-C₁₂phenylalkyl, C₇-C₁₂alkylphenyl, C₃-C₁₂alkenyl, halogen, OH, OR₉;

R₈ is H; halogen; C₁-C₁₂alkoxy; C₁-C₁₂alkyl; C₃-C₂₄alkyl interrupted by oxygen and/or substituted by OH; or is NH-CO-R₁₄ or NH-COO-R₁₂;

R₇, R₉ and R₁₀ independently are H; C₁-C₂₄alkyl; C₃-C₁₂alkenyl; C₃-C₂₄alkyl interrupted by oxygen and/or substituted by OH; or is C₅-C₁₂cycloalkyl, C₇-C₁₂phenylalkyl, C₇-C₁₂alkylphenyl; CH₂CH(OH)CH₂OR₁₁; C₁-C₁₂alkyl substituted by COOR₁₂, CONR₁₃R₁₄, OCOR₁₅, OH or halogen; or R₇ is a polymeric hydrocarbon residue of 10 to 1000 carbon atoms;

and R₇ also embraces a residue of formula II



wherein X is C₂-C₂₄alkylene; -CH₂CH(OH)CH₂-; -CH₂CH(OH)CH₂O-D-OCH₂CH(OH)CH₂; (C₁-C₁₈alkylene)-CO-O-D-O-CO-(C₁-C₁₈alkylene); CO; CO-(C₂-C₂₄alkylene)-CO; C₃-C₂₄alkylene interrupted by oxygen;

D is C₂-C₁₂alkylene; C₄-C₅₀alkylene interrupted by O; phenylene; biphenylene or phenylene-E-phenylene;

E is O, S, SO₂; CH₂; CO or -C(CH₃)₂-;

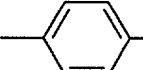
R₁₁ is H, C₁-C₁₂alkyl; phenyl; phenyl substituted by 1-3 C₁-C₄alkyl; C₅-C₁₂cycloalkyl; C₇-C₁₂phenylalkyl; C₃-C₁₂alkenyl;

R₁₂ is H; C₁-C₂₄alkyl; C₃-C₁₂alkenyl; C₃-C₃₆alkyl interrupted by oxygen and/or substituted by OH; or is C₅-C₁₂cycloalkyl, C₇-C₁₂phenylalkyl, C₇-C₁₂alkylphenyl; phenyl;

R₁₃ and R₁₄ independently are H, C₁-C₁₈alkyl; phenyl; phenyl substituted by 1-3 C₁-C₄alkyl and/or C₁-C₄alkoxy; C₅-C₁₂cycloalkyl; C₃-C₁₂alkenyl;

R₁₅ is C₁-C₁₂alkyl; phenyl; phenyl substituted by 1-3 C₁-C₄alkyl and/or C₁-C₄alkoxy; C₅-C₁₂cycloalkyl; C₃-C₁₂alkenyl; C₁-C₁₂alkoxy; or is NR₁₃R₁₄.

7. Transparent polyolefin, polyester or polyamide article of claim 6, wherein in the hydroxyphenyl triazine UV absorber of formula I

R₂ and R₃ independently are H, methyl, , OR₉;

R₄ and R₅ independently are H or methyl, especially H;

R₆ is H;

R₈ is H; C₁-C₈alkoxy; C₁-C₈alkyl;

R₇, R₉ independently are H; C₁-C₁₈alkyl; C₃-C₁₂alkenyl; C₃-C₂₄alkyl interrupted by oxygen and/or substituted by OH; or is C₅-C₁₂cycloalkyl, C₇-C₁₂phenylalkyl, C₇-C₁₂alkylphenyl; C₁-C₁₂alkyl substituted by COOR₁₂, OCOR₁₅, OH; or R₇ is a polymeric hydrocarbon residue of 20 to 500 carbon atoms;

and R₇ also embraces a residue of formula II, wherein X is C₂-C₁₈alkylene; -CH₂CH(OH)CH₂-; -CH₂CH(OH)CH₂O-D-OCH₂CH(OH)CH₂;

(C₁-C₄alkylene)-CO-O-D-O-CO-(C₁-C₄alkylene); CO; CO-(C₂-C₁₈alkylene)-CO;

C₃-C₁₈alkylene interrupted by oxygen; D is C₂-C₁₂alkylene;

R₁₂ is H; C₁-C₂₄alkyl; C₃-C₁₂alkenyl; C₃-C₂₄alkyl interrupted by oxygen and/or substituted by OH; or is C₅-C₁₂cycloalkyl, C₇-C₁₂phenylalkyl, C₇-C₁₂alkylphenyl; phenyl;

R₁₅ is C₁-C₁₂alkyl; C₅-C₁₂cycloalkyl; C₃-C₁₂alkenyl.

8. Transparent polyolefin, polyester or polyamide article of claim 1 which is a film, fiber, ribbon or stretched tape, especially a polyolefin agricultural film.

9. Transparent polyolefin, polyester or polyamide article of claim 8 having a thickness between 1 and 300 μm, especially between 1 and 200 μm.

10. Transparent polyolefin article of claim 1, wherein the polyolefin is polyethylene or polypropylene.

11. Transparent polyolefin, polyester or polyamide article of any of claims 1 to 10 additionally containing a further component selected from the group consisting of processing

stabilizers, fillers, clarifiers, modifiers, acid scavengers, flame retardants and, especially, further light stabilizers.

12. Use of the transparent polyolefin film of claim 8 for suppressing microbial growth in a protected cultivation.

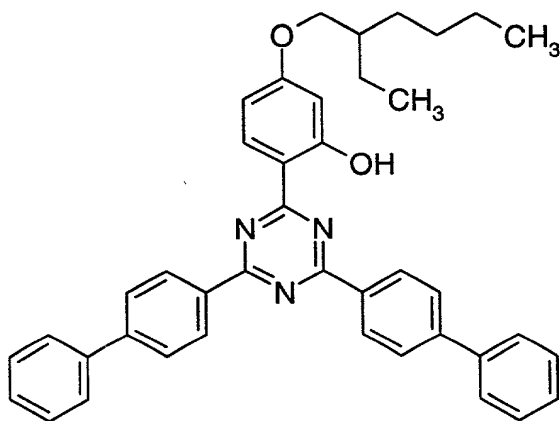
13. Process for suppressing microbial growth in a protected environment, which process comprises covering the environment with the transparent polyolefin film of claim 8.

14. Process of claim 13, wherein the protected environment is a plant cultivation.

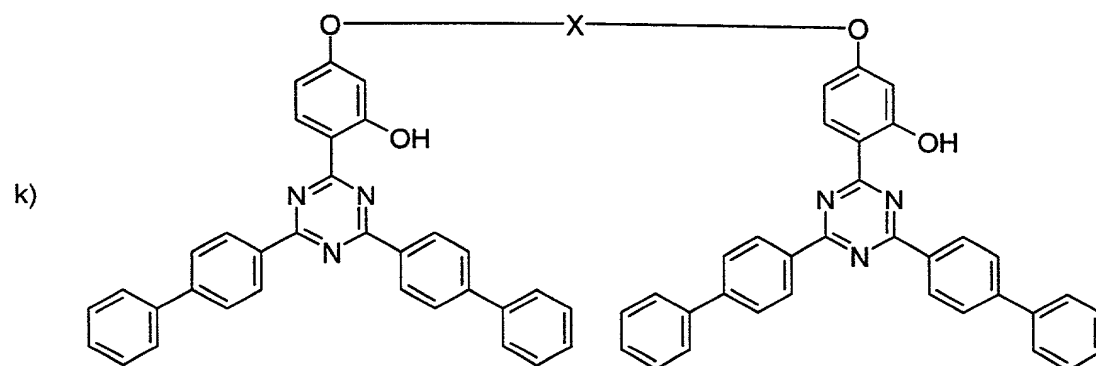
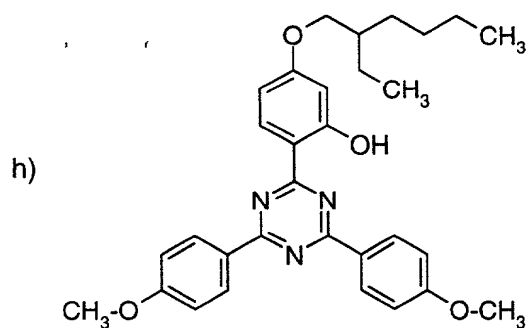
15. A method for selectively screening solar and/or artificial light radiation to crops contained inside a green house which comprises covering said green house with the polyolefin film of claim 8.

16. A compound of one of the formulae a, b, f, g, h or k

a)







wherein X is C₁₃-C₂₄alkylene; (C₁-C₁₈alkylene)-CO-O-D-O-CO-(C₁-C₁₈alkylene) where D is C₂-C₁₂alkylene; CO-(C₁₃-C₂₄alkylene)-CO; C₃-C₂₄alkylene interrupted by oxygen, especially (C₁-C₃alkylene)-O-(C₁-C₃alkylene).